

Weekly Report for 2015/6/22-2015/6/28

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Progress

1. TCPTree Project

This week I focused on this project. I almost finished the main view of this project. I finished the planned layout but because the data api is not ready, currently I can only draw the top node of the TCP Tree, as shown in Figure 1:

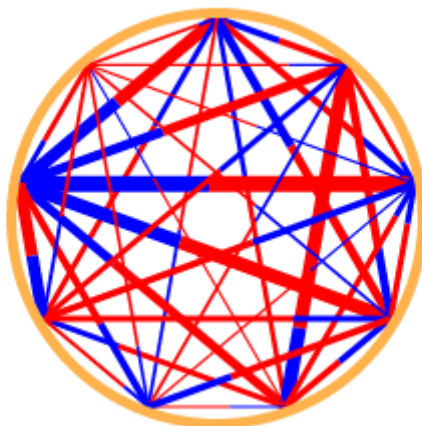


Figure 1

In this project, I will use angularjs, bootstrap and d3 to do front-end development.

2. Big Data Group Meeting

I reported the dimension reduction techniques. I introduced five algorithms, including PCA, LLE, MDS, ISOMAP, and LAMP. During the meeting, Zhu Minfeng introduced the derivation of PCA.

Plan

1. TCPTree Project

Finish the main view of TCPTree and finish the relation view.

2. Revise vis2015 submission

Search the theoretical basis of this work.